

## Product datasheet for **RR207251A1V**

### Rat Tgfbr1 (NM\_012775) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Rat Tgfbr1 (NM_012775) AAV Particle
Tag:	Myc-DDK
Symbol:	Tgfbr1
Synonyms:	Alk5; Skr4; tbetaR-I; Tgfr-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RR207251 representing NM\_012775  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCGCGCTCGGCTGCTTTGCGTCGCTGCCTGCTTCTCATCGTGTGGTGGCGCGCGCAGCTGC  
 TCCCGGGGCGAAGGCATTACAGTGTCTGCCACCTCTGTACAAAGGACAATTTTACTTGTGAGACAGA  
 TGGTCTCTGCTTTGTCTCAGTCACCGAGACCACAGACAAAGTTATACACAATAGCATGTGTATAGCTGAA  
 ATCGACCTAATCCCCGAGACAGGCCATTTGTTGTGCACCATCTTCAAAAACAGGGGCAGTTACGTATT  
 GCTGCAATCAGGATCACTGCAATAAAATAGAACTCCCAACTACAGAAAAGCAGTCAGCTGGCCTCGGTCC  
 TGTGGAGCTGGCAGCTGTCATTGCTGGTCCAGTCTGCTTCGTCTGCATTGCATTATGCTGATGGTCTAT  
 ATCTGCCATAACCGCACTGTCATTACCACCGCGTACCAATGAAGAGGATCCCTCACTAGATCGCCCTT  
 TCATTTAGAGGGCACCACCTTAAAAGATTTAATTTATGATATGACAACATCAGGGTCTGGATCAGGTTT  
 ACCACTGCTTGTCAAAGAACAATTGCAAGGACCATTGTGCTACAAGAAAAGCATCGGCAAAGGTCGGTTT  
 GGAGAAGTTTGGCGAGGCAAATGGCGGGGAGAAGAAGTTGCCGTGAAGATATTCTTCTAGAGAAGAAC  
 GTTCATGGTCCGAGAGGCAGAGATTTATCAGACTGTAATGTTACGCCATGAAAAATATCCTGGGGTTTAT  
 AGCAGCAGACAACAAAGACAATGGTACATGGACTCAGCTGTGGTGGTGTGCGATTATCATGAGCATGGA  
 TCCCTTTTCGATTACTTGAATAGATACACTGTTACTGTGGAAGGAATGATCAAACCTCGCTCTGTCCACGG  
 CAAGTGGTCTTGGCCATCTTACATGGAGATTGTTGGTACCAAGGAAAACCAGCTATTGCCCATAGAGA  
 TTTGAAATCAAAGAATCTTGGTGAAGAAAAATGGAACCTGTTGATTGCAGATTTGGGACTTGCTGTG  
 AGACATGATTCTGCCACAGATACAATTGATATTGCTCCAACCACAGAGTAGGCCACTAAAAGGTATATGG  
 CCCCTGAAGTTCTAGATGATCCATAAATGAAACATTTTGAATCCTTCAAACGTGCTGACATCTATGC  
 AATGGGCTTAGTATTCTGGGAAATCGCTCGACGCTGTTCCATTGGCGGAATCCACGAAGACTACCAGTTG  
 CCTTACTATGATCTTGTACCTTCTGATCCATCCGTTGAAGAAATGAGAAAAGTAGTTTGTGAACGAAAGT  
 TAAGGCCAAAATATCCCAACAGATGGCAGAGCTGTGAGGCCTTGAGAGTGATGGCCAAAATATGAGAGA  
 ATGTTGGTATGCCAATGGAGCAGCTAGGCTGACAGCTTTGCGAATTAAAAAACATTGTCACAGCTCAGC  
 CAACAGGAAGGCATCAAATG

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MEAASAALRRCLLLIVLVAATLLPGAKALQCFCHLCTKDNFTCETDGLCFVSVTETDDKVIHNSMCIAE  
 IDLIPRDRPFVCPSSKTGAVTYCCNQDHCNKIELPTTEKQSAGLGPVELAAVIAGPVCFVCIALLMLMVY  
 ICHNRTVIHHRVPNEEDPSLDRPFISEGTTLKDLIYDMTTSGSGSGLPLLVQRTIARTIVLQESIGKGRF  
 GEVWRGKWRGEEVAVKIFSSREERSWFREAEIYQTVMLRHENILGFIAADNKDNGTWTQLWLVS DYHEHG  
 SLFDYLNRYTVTEGMIKLALSTASGLAHLHMEIVGTQGKPAIAHRDLKSKNILVKKNGTCCCIADLGLAV  
 RHDSATDTIDIAPNHRVGTKRYMAPEVLDDSDINMKHFESFKRADIYAMGLVFWEIARRCSIGGIHEDYQL  
 PYYDLVPSDPSVEEMRKVVCEQKLRPNIPNRWQSEALRVMAKIMRECWYANGAARLTALRIKKTLSQLS  
 QQEGIKM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Rat

**Serotype:**

AAV-2

**ACCN:**

NM\_012775

**ORF Size:**

1491 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u><a href="#">NM_012775.2</a></u> , <u><a href="#">NP_036907.2</a></u>
<b>RefSeq Size:</b>	5724 bp
<b>RefSeq ORF:</b>	1494 bp
<b>Locus ID:</b>	29591
<b>Cytogenetics:</b>	5q22
<b>MW:</b>	55.6 kDa